

Title (en)
Dispenser of airborne substances

Title (de)
Spender von Luftschwebestoffen

Title (fr)
Distributeur de substances en suspension dans l'air

Publication
EP 1252899 A3 20030122 (EN)

Application
EP 02425235 A 20020417

Priority
IT MO20010073 A 20010420

Abstract (en)
[origin: EP1252899A2] The device comprises; a closed body comprising two walls welded together at edges thereof; a vertical flat permeable wall (2) through which a volatile substance can pass, and an impermeable wall (3). Vapour emitted by the volatile substance is passed through the permeable wall (2). The impermeable wall, made of a heat-formable plastic material, exhibits a broadening (4) which comprises most of a capacity of the body; the broadening (4) part is located at an upper end of the body. An impermeable film (6) which covers the permeable wall (2) is peeled off before use. An electrical resistance (9) for heating, located below the permeable wall (2), creates by a flue effect in a chamber (11) located in front of the permeable wall (2), a rising circulation of air which draws into it the vapours emitted. <IMAGE>

IPC 1-7
A61L 9/03; **A01M 1/20**; **B60H 3/00**

IPC 8 full level
A01M 1/20 (2006.01); **A61L 9/03** (2006.01)

CPC (source: EP)
A01M 1/2077 (2013.01); **A61L 9/03** (2013.01)

Citation (search report)
• [X] EP 0836857 A1 19980422 - MILLIPORE SA [FR]
• [A] WO 9631741 A1 19961010 - DOERFEL FRIEDRICH [DE], et al
• [A] GB 2333233 A 19990721 - FUTABA DENSHI KOGYO KK [JP], et al
• [A] US 5141707 A 19920825 - BRITE DERIC L [US]
• [A] US 4948047 A 19900814 - ZEMBRODT ANTHONY R [US]
• [A] US 4157787 A 19790612 - SCHWARTZ BURTON [US]
• [A] US 3951622 A 19760420 - WILK IMMANUEL J

Cited by
EP1518794A1; CN100364392C; US7095953B2; US11517643B2; US11911540B2; WO2004049795A1; WO2008046908A1; EP1586335A1; US12090255B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1252899 A2 20021030; **EP 1252899 A3 20030122**; **EP 1252899 B1 20060705**; AT E332149 T1 20060715; DE 60212893 D1 20060817; DE 60212893 T2 20070301; ES 2265029 T3 20070201; IT MO20010073 A0 20010420; IT MO20010073 A1 20021020

DOCDB simple family (application)
EP 02425235 A 20020417; AT 02425235 T 20020417; DE 60212893 T 20020417; ES 02425235 T 20020417; IT MO20010073 A 20010420